

From owner-qrp-1@Lehigh.EDU Sun Oct 20 23:11:49 1996
From: talljazz@teleport.com (Dan Presley)
Subject: [2365] 'test 0700
Message-ID: <v01530500ae8f84f78e88@[206.163.125.32]>

Hey-where is everyone?? It's 0700 10/20, and no one (in their right mind) is on 40 for the contest. C'mon guys, who needs sleep? The band is open; I'm hearing CO's (Cuba), JA's & many S.Americans, but no QRP'ers! I know you might want to sleep, but at least the West coast guys could stay up until midnight (0700 UTC), and with the band sounding ok, why wait? We in the NW hear about these "Californians" (we don't let them past the border. except by radio), but nada.!How 'bout it?
Dan N7CQR OREGON

From owner-qrp-1@Lehigh.EDU Sun Oct 20 23:11:49 1996
From: Bob Kellogg <ae4ic@nr.infi.net>
Subject: [2399] 40-9er a Contest Machine!!
Message-ID: <199610210124.VAA08983@mh004.infi.net>

Gang,

I'm not very experienced at this contest stuff. When I'm working a contest, my attention is 100%+ on the contest exchange. It's all I can do to get your call right, let alone remember who goes with what call. I'm embarassed to say that I could put lots of names with calls *after* I took a break and reviewed my log. So, if I seemed to ignore you, I apologize.

This weekend, I worked this puny little signal from AR and moved on. I kept hearing him in the background as I worked other guys, like a gnat swarming around my head. He seemed to be wanting to contact me again. Finally, I realized he may not have copied all of the exchange info, so I returned his call. Well, there was plenty of QRM and QRN, and about all I could hear was that he was sending me numbers - a 4 and a 9. What's the matter with this guy? Does he think I didn't copy his Number??? Finally, I began to put things together. -- AR and 40-9er! Then I realized what a momentous occasion it was!! I had just worked the famous Arkansas Super 40-9er!! Big brother to the 30-9er. Great job, Jim!!

It was a great contest. I hope all enjoyed it as much as I did.

CUL,
Bob Kellogg, AE4IC
Prolably, but not nececelery. - Benny Hill

From owner-qrp-1@Lehigh.EDU Sun Oct 20 23:11:49 1996
From: beacon_wb8ygg@juno.com (Bradley S. Mitchell)
Subject: [2374] 80 Meter Beacon Results
Message-ID: <19961019.094335.9039.2.Beacon_WB8YGG@juno.com>

Thanks to all that copied, and reported on the beacon.
I really enjoyed receiving the reports, and was quite
pleasantly surprised by the reports. Especially with
rain falling for almost all of the beacon time!

100mw can get dissipated pretty quickly! I'll have to try again
on a cool, calm winter weekend.

During the beacon my wife polyurethaned the steps (friday
just before the rain), and I had to climb up the ladder to turn
it on!

Then we had some water problems sat night
and I had to run to the basement to turn on the pump,
and my son turned the beacon
off. Yes he flipped the switch!!

But as I said it was attended! Lots of fun!

Here's the results.

Joel wa1qvm 23:14Z 10/18/96 559 R00T
YAESU FT-840

Heard you wonderful beacon. Only wish the foxes has such a wonderful
signal here in N.E.

Dean N2TNN 23:32Z 10/18/96 549 R00T
QRP+ into Gap vert (569 into dipole)

Don KG8KA 00:55Z 10/18/96 459 R00T
TenTec Omni VI Ohio

Tom N9DD 0030Z/10/18 479 R00T
Kenwood TS-520 - 40M Horiz. Loop/Tuner

Bruce W6TOY 1955 EDST 10/18 119 R00T
Kenwood TS130V receiver; heavy QRN from coming/passing
thunderstorms.

Bruce W6TOY 2128 EDST 10/18 519 R00T
Heathkit SB310 receiver; Antenna -- 100 ft longwire

at about 20 feet with MFJ Tuner.

Rick KI4PZ 0230Z. 10/19 359
High Point, NC

Bill WB2JMX 21:17 UT 10/19/96 ROOT
PS: band is el sucko this afternoon.

Keith WB2VUO 2115Z/10/18./96 599
(Really!, This is NOT a Contest RST, but is a Real 599!)
Code Word: ROOT
Equipment: Alinco DX-70T & 80/40 Inverted Vee ^ 40 feet
Bergen, NY
Sounds good, just as I expected...

Frank N4EKP 2159Z/10/19 319 ROOT
Equipment TS-930S, 150' Dipole w/ladderline @ 70'

Jim N2JJ 2112Z/10/19 589 ROOT
TS830S/30M Vert
Your beacon was strong. Just turnrd on RX es there is was.

George AD4EP . EST 449 ROOT to you too!
Leesburg,Va 45w of D.C
WOW great sig.

Carm W03T 57 ROOT
Rig TS-830s
Antenna: End Fed Zepp up 50ft
QTH:Williamsburg,PA
Grid:FN00wg

Rick WZ2T 2315Z 10/18 589 to 599 root
Also heard the beacon tonight, Saturday, but didn't copy the code word,
too
busy contesting.

=====
Details:

Rig: FT-980
Power: 100mw fixed
Frequency: 3.564.50 MHz
Antenna: Dipole. 70 ft high on north end, 50 ft high on south end.
Keyer: Atomic Keyer AK-1.
Date:October 18,19,20

Times:

Friday from 5:00 PM EST to 11:00 PM EST

Saturday from 4:00 PM EST to 1:00 AM Sunday Morning EST

Or In Coordinated Universal time:

Friday from 21:00 UTC to Saturday 03:00 UTC

Saturday from 20:00 UTC to Sunday 5:00 UTC

This Beacon was attended attended.

From owner-qrp-l@Lehigh.EDU Sun Oct 20 23:11:49 1996

From: kb0rol@juno.com (Bradley L Mugleston)

Subject: [2378] A case for the SST

Message-ID: <19961020.104355.7695.0.kb0rol@juno.com>

Good Morning,

I was just looking through the Sunday Paper and right there in the middle of one of the pull out add sections was an add for a case to install the NEW SST Transceiver. Celestial Seasonings is offering, for a LIMITED TIME, a free TIN in specially marked boxes of Celestial Seasonings Tea.

Now you can build a "Sleepytime" SST, or my favorite the "Zinger" SST. Maybe you would like a "Comforting" SST. For those of you who are wilder maybe a "Mint" or "Spice" SST.

I'm not sure how big the boxes are - can you believe it they didn't give the dimensions- but they should be large enough for our needs.

Brad Mugleston - KB0ROL

Colorado QRP Club # 170, QRP-L #316, ARRL

QTH - Aurora, CO - DM79oq

KB0ROL@JUNO.COM

BMUG@GWL.COM

From owner-qrp-l@Lehigh.EDU Sun Oct 20 23:11:49 1996

From: Steve Hideg <Steve.Hideg.1@nd.edu>

Subject: [2404] Americana Collection

Message-ID: <v03007823ae909d12e482@[129.74.35.16]>

Now appearing at the Internet QRP Club's WWW site: Bob Gobrick's (V01DRB/WA6ERB/ VE2DRB) Americana Collection of qrp radios built into colourful American icon tins. You can view them at the following URL:

<<http://qrp.cc.nd.edu/qrp-l/miscpics/wa6erb/index.html>>

Which is in the "various pictures" section of the Members Pictures page.

72,

--Steve

Steve Hideg, N8HSC/9 QRP-L #136
Check out the Internet QRP Club's site on the WorldWide Web:
<<http://qrp.cc.nd.edu/QRP-L/>>

From owner-qrp-l@Lehigh.EDU Sun Oct 20 23:11:49 1996
From: PDouglas12@aol.com
Subject: [2371] Chuck's announcement
Message-ID: <961020080901_547106379@emout20.mail.aol.com>

Here is Chuck's own announcement which he asked me to post:
In a message dated 96-10-18 11:25:24 EDT, adams@chuck.dallas.sgi.com (chuck adams) writes:

<<

Chuck Adams, K5FO, on behalf of the membership is giving
to Doug Hendricks, KI6DS, and Jim Cates, WA6GER, both
co-founders of the NorCal QRP Club two glass trophies.

Each trophy is 5x7" thick glass with the NorCal logo
etched on the back with their names and calls in large print.

Words below names and calls reads:

IN RECOGNITION FOR GENEROUS CONTRIBUTIONS
TO THE NOR-CAL QRP CLUB

OCTOBER 1996

The base is 6x3" and the glass is 3/4" thick.

dit dit

: Chuck Adams (K5FO CP-60) WAS 40m/30m/20m=49/49/50

: EMPS QSOs=2 STATES(w/c)=2/0 DX=0
: MO TN

>>

Forwarded message:

From: adams@chuck.dallas.sgi.com (chuck adams)
To: pdouglas12@aol.com
From owner-qrp-1@Lehigh.EDU Sun Oct 20 23:11:49 1996
From: Phil Wheeler <pcw12@ix.netcom.com>
Subject: [2360] Chuck's Big Surprise
Message-ID: <3269ADFE.FDB@ix.netcom.com>

Well...those of us who could not attend Pacificon are really wondering what Chuck's big announcement/surprise is.

Come on, Chuck. Tell, Tell! Hey, it's Saturday night, already!

Turns out I had a choice: Pacificon or NorCal meeting plus another event that weekend in the Bay Area; chose the latter.

72.....Phil W7UOX

From owner-qrp-1@Lehigh.EDU Sun Oct 20 23:11:49 1996
From: bcutter@teal.csn.net (Bob Cutter)
Subject: [2372] Colorado Rules!
Message-ID: <199610201248.GAA27986@lynx.csn.net>

Colorado rules in QRP FD. First and sixth places, class 2A Battery.
QBF? ZUE

Bob Cutter,Glenwood Springs, CO

KI0G

bcutter@teal.csn.net

From owner-qrp-1@Lehigh.EDU Sun Oct 20 23:11:49 1996
From: bob.roach@sourcebbs.com (BOB ROACH)
Subject: [2383] Equipment Failure
Message-ID: <8CAA35D.0001047DA8.uuout@sourcebbs.com>

Hello All,

I had a power supply failure about two weeks ago and have been offline since then. I have just about finished skimming through the 3000+ messages that were waiting for me when I got back on line so if anyone was expecting a reply/answer/message from me and refresh my memory because I probably missed a lot of stuff.

73 de KE4QOK
Bob

* SLMR 2.1a * This tagline is umop apisdn

From owner-qrp-l@Lehigh.EDU Sun Oct 20 23:11:49 1996
From: tony@wilkes.ak.planet.co.nz (Tony Wilkes)
Subject: [2394] F/S Meter and RF sniffer
Message-ID: <680@wilkes.ak.planet.co.nz>

To the fount of qrp knowledge - qrp-l

Does anybody have the design for a simple field strength meter / RF sniffer using say 10 discrete leds as an indicator suitable for qrp. When I look for RF or tune my atu I do not really need a meter with numbers on it , just something to tell me if I am tuning the right way. For portable qrp work it would be more robust than a meter (= I drop things) - I could be on the wrong lines perhaps the design is not simple = cheap. ??

thanks gang
Tony

Tony Wilkes --- Whangaparaoa, on the North Island, New Zealand
Royal Forest & Bird Croquet
ZL3SLH & G3SLH > QRP-L #717 QRA >RF73JF

From owner-qrp-l@Lehigh.EDU Sun Oct 20 23:11:49 1996
From: "Phil Sikes" <psikes@whidbey.net>
Subject: [2405] Fall QSO party
Message-ID: <199610210357.UAA29257@islander.whidbey.net>

What a blast! In one day I worked 33 stations including 25 states and 4 countries, and all on 4 watts. It's gotta be against the law to have this much fun. I couldn't operate the allowed limit of the contest due to other needs, but had a great time. My personal highlights were working Hawaii, Bermuda, Alaska and Puerto Rico from beautiful Whidbey Island here in the state of Washington. After this, I only need Delaware for my WAS award. Thanks to everyone that heard me and responded.

72 - Phil

From owner-qrp-l@Lehigh.EDU Sun Oct 20 23:11:49 1996
From: Timothy Gordish <105020.2634@compuserve.com>
Subject: [2401] Fox: N/T Monday night
Message-ID: <199610202232_MC1-B1E-C20@compuserve.com>

Fox Hunters:

This is it, my first time up as a fox. I will be up for the chase from 0:00 to 1:30 Oct 22 UTC. I will be hovering close to 7111. Get your Radio Shack DSP-40 out this is a very noisy area. I'll be using mine so be sure to find my sweet spot if you want to catch me. Hope the propagation is better than last week!

My QTH is Yuma, AZ, and my rig is an Atlas 210x into a Hamstick Dipole. Even at a cloud burning 5 watts, I shouldn't be an easy catch.

73 de Tim
KB9LGJ
QRP-L #457

From owner-qrp-l@Lehigh.EDU Sun Oct 20 23:11:49 1996
From: John Fletcher <johnf@innotts.co.uk>
Subject: [2392] HB:G4EDX rears his ugly Norcal
Message-ID: <199610202303.AAA16175@carlton.innotts.co.uk>

Hello Gang,

Today I finished building my "ugly" Norcal 40, and tonight I fed it into my W3EDP. The first station I called, UR5WAL, gave my 2 Watts a 579 report. It works! Many thanks to all those who gave me info and advice, if I haven't replied to you all personally.

A rig like this deserves a box, but I don't know whether to design a PCB or just build a more compact "ugly" rig; this one seems adequately stable and easy to work on. Before I go any further I'd like to know what improvements were incorporated in the Norcal 40A. Can anyone tell me?

More than 20 years ago (Good Grief!) I worked for a company making printed circuits. They made rigid and flexible boards for the automotive and television industry. They were not etched, but die-stamped, where a heated press tool simultaneously cuts out and bonds the adhesive-coated copper to the board (or film in the case of flexible circuits.) Then the boards go through a two-stage pierce & blank tool which first punches out the component and mounting holes then cuts out the profile of the board to separate it from the sheet. The piercing stage produces discs or other shapes of board material with copper on one side, ideal for "ugly" construction. I visited my old firm earlier this year and explained the use I had for such scrap, and they gave me a bag of sweepings to sort through, then at the end of the month they very kindly put a complete sheet of copper-clad material through the press, just to make some discs for me. I used some on the Norcal 40. If anyone makes PCBs by this method in the States it would be worth you while contacting them.

Thanks again and 72 to all,

John G4EDX

From owner-qrp-1@Lehigh.EDU Sun Oct 20 23:11:49 1996
From: Scott Bauer <ke3nv@erols.com>
Subject: [2382] help needed, Super keyer 3
Message-ID: <199610201831.0AA11825@smtp1.erols.com>

Good afternoon folks,

Can someone please give me some tips. My building skills are very limited. I am building the Super keyer 3 and need to make some changes so I can key both my TS-830-s and my newer QRP rigs.

I did get a schematic to modify it for negative keying, but it gives no values for some of the parts. Here is a quote from the manual...

" as a safety factor, the transistor and bypass capacitor should handle a voltage at least twice that measured on your rigs key line. Suitable high voltage PNP transistors include the MPS-A92(300V, 50mA) and 2N5415 (200V, 50mA)"

I dont know which to use, and I am afraid of damaging my equipment.

What do I build this circuit on ?

The manual did not give a value for the speed control pot. Is 10k good enough?

I would like to install jacks for both types of keying if that is possible.

I would also like to add some type of voltage regulator so I can run it from my 12 volt source.

I sure would appreciate some help if possible.

Thanks, Scott KE3NV

.....
Fists 1502, ARCI 8804, G-QRP 8773, Nor-Cal 1094, NE 348, CQC 352

Scott Bauer ke3nv@erols.com

.....

From owner-qrp-1@Lehigh.EDU Sun Oct 20 23:11:49 1996
From: Robert Paschal <r-paschal@worldnet.att.net>
Subject: [2402] Help on Heathkit RF Signal Generator
Message-ID: <19961021030541.AAA20863@LOCALNAME>

Hi,

Can anyone help me find a schematic and/or manual for a Heathkit SG-8 RF Signal Generator??

This one is putting out at least some RF with its calibration checking out on a freq meter. There are some modulation and audio circuits I need help deciphering.

It also generates a bit of nostalgia in that it puts out cycles instead of hertz. :-)

Thanks, Bob AA0MC

From owner-qrp-1@Lehigh.EDU Sun Oct 20 23:11:49 1996
From: "Jeffrey M. Poulin" <jpoulin@erols.com>
Subject: [2373] Holy Moley!! This stuff works!!
Message-ID: <199610201307.JAA06951@smtp2.erols.com>

People of the List:

Wow! QRP really works!!

I got my Scout set up on Friday, calibrated for 4-5 watts. This was just in time for what is probably the last thunder and lightening storm of the season. (Sigh) I tuned around and found a K2 that was sending slowly enough for me to copy. (He was either very considerate or as bad at code as I am, poor fellow.) I answered his CQ and he came back to me. PANIC!! I hadn't really expected anything. Immediately, half my ability to copy went away and I made something of a hash of the QSO but managed to get most of the usual info. (This is a tribute to Bob, who held on through many corrections.) I was actually sweating after the sign off. I'm sure this is not unusual for a first QSO but I thought I was prepared. Oh well.

I've now worked 3 states, NC, NY, IN, from northern VA. All at 5 watts and the worst RST report was 559. (These RST reports make me wonder what can be done with the 40-9er kit I ordered.) My dipole, which is a tribute to Rube Goldberg, remained standing through torrential rain and 50+ MPH wind gusts this weekend. My God! This is sure different from using my 2 meter handheld on the local repeater.
Today, Indiana, tomorrow, the world!! (HAHAHAHA!!!!) (Maniacal laughter of the recently obsessed.)

I want to thank the people on this list for their help and encouragement through my many questions. Your patient attitude and willingness to educate a newcomer have made all the difference. Now I just have to get good enough with the code to have a good rag chewing session, which is what attracted me to radio in the first place. And only 47 more states to go for WAS.

Technician Pluses of the world: Unite! And Upgrade! We have nothing to lose but our Novice bandwidth!

73,

Jeff/KF4JSV QRP-L #743

(Sorry if this message is a little disjointed. I'm still excited after the latest QSO.)

From owner-qrp-1@Lehigh.EDU Sun Oct 20 23:11:49 1996
From: "Hidehiko Komachi" <ja9mat@nsknet.or.jp>
Subject: [2370] How about the "Regenerative Receiver" in operating QRP?
Message-ID: <199610201208.VAA25745@po.nsknet.or.jp>

Hi, dear fellows!

Today this weekend, I tried to QSO using my old Regenerative Receiver on 40m band.

It is shown by G3YCC in
<http://homepages.enterprise.net/g3ycc/>
, as 0V1 receiver.

I made this simple RX 3-years ago, and I enjoyed its "Pure Tone".
But it has many QRM, 3 or 4 stations can be heard at one time! Hi.Hi...

I wonder that how many QRPer use the "Regenerative Receiver" in operating.
And please let me know about the technique of using it.

I added on simple "L-C, AF-Filter" before the LM386's Audio Amp and it works well.

I use valve by running with low voltage (12 volts on the anode and anode current is about 1ma),

and it presents "low-noise" and "a little QRH".

I like it!

Thanks! 72 & GL!

** From: Hidehiko KOMACHI as JA9MAT *****
Member of JA-QRP#036 & G-QRP#9128
Packet;JA9MAT@JA9IHI.28.JNET9.JPN.AS
E-Mail; ja9mat@nsknet.or.jp

From owner-qrp-1@Lehigh.EDU Sun Oct 20 23:11:49 1996
From: n9zz@juno.com (Robert A. Schill)
Subject: [2376] HW7
Message-ID: <19961020.090554.5415.3.N9ZZ@juno.com>

I have an old HW7 which I built eons ago and it is still unmodified with the exception of the added keyer, the W9TO keyer. I am not much of a builder, I guess I prefer operating but with some simple mods to make the receiver section much better and perhaps get rid of the relay for the

keying, the old HW7 might be sufficient as a back up rig.

I currently run a TT Argonaut 515, and two MFJ rigs, 20 & 30 mtrs. When I run mobile I usually run the Icom 706 at the qrp level.

If any mods for the HW7 are floating around, I would appreciate hearing about them.

Thanks...72/73

Bob Schill N9ZZ
Mountain Home, Arkansas
ARCI QRP # 4744, MI QRP #266, AR QRP #1, QRP-L #705, ARS #189
E-Mail address : N9ZZ@juno.com
Packet address: N9ZZ @ N0KFQ.#SWMO.MO.USA

From owner-qrp-1@Lehigh.EDU Sun Oct 20 23:11:49 1996
From: Dave Adams <adamsclan@netgate.net>
Subject: [2364] Pacificon
Message-ID: <3269C0AA.6906@netgate.net>

Well, just got back from the saturday sessions...I won't babble much as exhaustion is rapidly sapping my will to type.

Standing room only in the QRP sessions...All great talks.

Jim and Doug's plaques are gorgeous.

Bought some of that solder-it to try and ease some of my pl259 pain!

Bought MANY, MANY caps at the swap so as to finish some projects that are lying about...big box of silver micas...very pleased...

I'm tired...must sleep...

73 de dave, n9uxu

From owner-qrp-1@Lehigh.EDU Sun Oct 20 23:11:49 1996
From: WD6BOR@aol.com
Subject: [2388] Pacificon!!!!!!!!!!!!!!!!!!!!!!
Message-ID: <961020172123_215083191@emout16.mail.aol.com>

To those of you who were there, you know what a great time was had. To those of you who weren't, I'm so sorry you missed it. Hope you can make it next

year.

The forums were excellent, the eyeball QSO's were incredible and the hospitality room was a blast! I haven't had that much fun at a ham convention ever.

I finally got to meet Chuck, K7FO, Paul, NA5N, Derry, VE7QK, Ed, KI7KW, and many more gifted and knowledgeable hams and got to talk about radios I've built, am building and got many excellent tips on operating them all.

Doug, KI6DS and Jim, WA6GER both got awards that were well deserved, and I even whined myself a fourth place prize that perhaps I didn't exactly deserve.

I want to say thanks to all who put on this premier QRP event, and especially thank Doug Hendricks and Jim Cates for the countless hours and unmeasurable effort they put into this event and the Norcal club.

Jerry Parker gets the pictures, appearing at a well know web site soon!

Thank you, thank you thank you all!!!!!!!!!!!!!!

Darrel, WD6BOR

From owner-qrp-l@Lehigh.EDU Sun Oct 20 23:11:49 1996
From: Greg Newberry <newberry@cyberhighway.net>
Subject: [2379] Painting Aluminum - How?
Message-ID: <326A703A.6B16@cyberhighway.net>

Hi,

I've painted aluminum enclosures in the past but the paint doesn't stick well. I've also heard that baking the enclosure helps harden the paint. So does anyone want to share there secrets? How do you prep the aluminum before you prime it? What primer? What is a good paint? Appliance epoxy works well on my Washer and Dryer. Seems like it would be hard enough for a project.

Thanks for all of your help.
Greg

--

Greg Newberry - WB7DUO QRP-L #760
newberry@cyberhighway.net
newberrg{dhwtowers/regional/newberrg}@dhw.state.id.us

From owner-qrp-1@Lehigh.EDU Sun Oct 20 23:11:49 1996
From: launerb@crl.com (William H. Launer)
Subject: [2381] QRP ARCI Contest
Message-ID: <v01530502ae90182b4228@[192.0.2.1]>

I've never been a serious "contester", but decided to participate in the QRP ARCI contest this weekend. I didn't spend a lot of time at it, but I don't think that I missed anyone that I called (usually got a response on the first try). I made 13 contacts (I said I wasn't a "serious" contester!), operating 40 and 80 meters. Worked stations in OH, NC, IN, MI, NJ, VA, TN, GA, TX, and IL.

The rig I used was an SP-600 rcvr and an SB-401 xmtr (turned down to 3 - 5 Watts). The antenna is a new 66 ft. end-fed wire with the far end about 40 ft. up in a locust tree. The ground is provided by a ground stake, supplemented with a 66 ft. wire lying on the ground. The MFJ tuner does a good job tuning the antenna for both bands.

My cw is a little rusty, so I apologize for errors, etc., but it was a lot of fun. It also was nice to hear all the activity on both bands - let's keep it up! This weekend, the qrp'rs seemed to be able to keep the frequencies to themselves. No real need for more band plans - just get on and operate!

72/73 - Bill wb0cld

Bill Launer
St. Charles, MO
launerb@crl.com
wb0cld@wb0cld.ampr.org [44.46.66.25]
qrp-1 #279 qrp arci #3551
Grid Square EM48RT

From owner-qrp-1@Lehigh.EDU Sun Oct 20 23:11:49 1996
From: "Dean Marzocca" <n2tnn@ifu.net>
Subject: [2400] QRP pal logger
Message-ID: <199610210148.VAA04370@mail.ifu.net>

What a bad day so far with this contest thing, maybe you'all can help. Well at least with one thing, maybe.

Started the contest and one minute later the phone rings. It is the management company which handles emergency calls for the Condo development I maintain. Tree blew down and smashed window in rear of house. I look outside and the rain is coming down sideways and volume looks like a firetruck is squirting water from the deck gun. So I think this is going to be quick, fire up the chain saw and drive out the road. It is raining so hard I can't see where I am going and it takes half an hour to get there. About an hour and a half and the tree is in a big pile on the lawn and it can wait till Monday to be removed. Half an hour later I get home and into the shower, back out and into the shack, put the headphones on. Two minutes later son comes in and tells me that the toilet is overflowing, well almost. He shut off the water just when it reached the top. Thanks for thinking, but what did you eat yesterday??? the plunger takes a few minutes and the water finally goes down. OK back to the shack and sit down again. The xyl comes in a few minutes later and says the shop in the basement has water coming in. I remark that it just rained 5 inches in the past 12 hours and it should be expected. About two minutes later son comes into the shack again and shows me my 49er in the Altoids box and it is full of water. I told him the water isn't good for the radio and he tells me my entire work shop area is covered with water. I run in there and the water is dripping from the floor joists onto the workbench. Apparently the rain came down the flue and filled the fireplace, which isn't waterproof and it leaked thru the floor and was dripping on all my equipment. I had to clear the bench, wipe all the tools off and fill a cardboard box. It took three pails to catch all the drips. Then the water which built up in the window wells came bursting under the grass but HA!!! the work bench was clear and not much damage. A couple minutes with the wet/dry vac and it was back to the radio.

Now for some fun!!! All day, all night (as long as I was awake) and logged all QSOs into QRPPal software. Great contest but as always it could have been more productive. This was my first cw contest and I had a blast.

Now the problem. After 85 contacts and about 99,000 points I can't print out the log. I can't find the data which is in word perfect format. Lotus will translate the file but it is a blank document.

HELP, HELP what can I do.

Please, any suggestions will be appreciated. It was too much fun to let it all go down the drain.

72/73, Dean, NJ, N2TNN, QRP-L # 560
EMPS Q=4 S=3 DX=1

From owner-qrp-l@Lehigh.EDU Sun Oct 20 23:11:49 1996

From: rhight@primenet.com (Roger Hightower)
Subject: [2396] QRP-ARCI contest
Message-ID: <199610210108.SAA10555@primenet.com>

If you didn't get into it, it was really great. Lot's of familiar calls there, and a real challenge. I worked 40 and 20 meters (not much on 20) between honey-do's, and did fairly well given the marginal (for here) conditions. 26 q's, 15 mults. Short skip seemed to be the thing. Lots of CA, CO, TX, UT, NM contacts. Throw in a MT, VA, ALB, MO and OR for double-hop and that was it.

Beaucoup folk doing the Illinois thing on/near 7040, which just made the OHR SCAF that much more valuable.

Had an opportunity to check out the WB2QAP QRP Companion logger. If you don't have it, get it! You can download it from the New Jersey QRP Club page at <http://www.ges.com/~marmor/>. More detailed info on page 11 of the latest QRP Quarterly.

This program is easy to use, accurate, and fast.

Thanks to those I had contacts with....regrets to those I couldn't hear.

72/73 de Roger AA7QY

NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From owner-qrp-l@Lehigh.EDU Sun Oct 20 23:11:49 1996
From: mvjfm@mvubr.mv.lucent.com (James M Fitton +1 508 960 2577)
Subject: [2397] QRP-ARCI Test
Message-ID: <199610210116.VAA13109@cbig1.firewall.lucent.com>

>From W1FMR

Tremendous activity this contest. Had a ball with the GM-20 not yet encased but laying all over the bench with clipleads.

Hard to get stations were all there.... Wyo, NV, SD, OR.

Had a ball with the PIXIE on 80m.

My congratulations to W2QYA, KB1FK, W6TOY, WA1GWH, K3TKS, K2LGQ

These super operators were able to figure out how to work a PIXIE by

tuning up the band and using the RIT to listen on my frequency.

I dont know how they figured it out, but many thanks to them for hearing my 200 milliwatt crystal controlled transceiver !!!!!

Even had a QSO with K3TKS after the test, with the PIXIE.

Running off a 9 volt transistor battery on 80 meters, this rig fits on a 1X2 inch board and is a transceiver !

When a station returns to your CQ, they are in the Zero beat of the receiver and cannot be copied. You know someone is there, but cannot copy them. I asked each of them to tune up the band a little and call me because I was using a PIXIE. To all who I could not copy, I apologize.

But to those clever chaps that answered my CQ and figured it out....
THANKS.....

72/73 Jim Fitton, W1FMR NE-QRP <>< NH

E-MAIL changed to jfitton@mv.lucent.com

From owner-qrp-l@Lehigh.EDU Sun Oct 20 23:11:49 1996
From: n9zz@juno.com (Robert A. Schill)
Subject: [2375] REDUCED DIGEST SIZE?
Message-ID: <19961020.090554.5415.2.N9ZZ@juno.com>

Hi everybody,

I am being bombarded with mail from the QRP-L which is great, but sure would like it to be a bit more orderly. I tried the DIGEST and found that with JUNO much of it is lost because of the size of the files. Someone else asked the same question but I haven't seen any responses yet.

So I am asking the same question, can the QRP-L DIGEST be reduced to accommodate those of us using JUNO? If so how can it be done?

I contacted JUNO and they say nothing can be done about it. I am told the maximum size file that can be handled by JUNO is 60K.

Sure could use some help.

72/73

Bob Schill N9ZZ
Mountain Home, Arkansas
ARCI QRP # 4744, MI QRP #266, AR QRP #1, QRP-L #705, ARS #189
E-Mail address : N9ZZ@juno.com
Packet address: N9ZZ @ N0KFQ.#SWMO.MO.USA

From owner-qrp-1@Lehigh.EDU Sun Oct 20 23:11:49 1996
From: "Ken Freedman" <n1qqv@cshore.com>
Subject: [2368] Sneaky Coax
Message-ID: <199610201038.GAA121327@nss2.CC.Lehigh.EDU>

>Any help?

What you do, Steve, is get up in the attic and drill a hole in the header for the wall nearest your operating position. Then you get a hole saw and cut a nice round hole abt 2" big in the wall behind the operating position and fish the coax down. SAVE the piece of drywall that you removed so you can replace it when you need to.

If you work it right, the coax comes out behind the station desk and she'll not know it's there.

Be sure and do it while she's shopping, :-)

Hi Gang,

This is excellent advice, and I would carry it one step farther:

Instead of the hole saw, use a keyhole saw and cut an "old work wall case" into the wall. This is a standard box used by electricians for adding an outlet after a wall is closed up, and available at any hardware store. Cut an S0-239 connector into a blank plate, connect the coax and screw the plate onto the box. Most people will think it's a cable TV or sound outlet, if they notice it at all. When you move, cut the coax and put a blank plate on the box. If you think that the wall surgery and wire snaking may be beyond your skills, hire an apprentice electrician to do it. They work cheaper than a divorce lawyer! I have a "stealth" packet station in the electronics shop where I work. No one has ever asked what that outlet is for.

Ken Freedman
AKA: N1QQV/QRP

VE, EC Madison CT

Living Proof That, "You don't have to be a blonde to be light headed!"

From owner-qrp-1@Lehigh.EDU Sun Oct 20 23:11:49 1996
From: Ed Tanton N4XY <n4xy@avana.net>
Subject: [2366] Source for ALL of QST on CD!
Message-ID: <3269D7CD.7E0E@avana.net>

Hi all... while surfing around early this morning I found something I have been looking forward to for quite a while: there is a company who now has concluded a contract with the ARRL to produce ALL of QST from day-1 onto CD ROM! They will be brought out in 5 year sets at \$39.95 (ARRL members.) There will be full reproduction of everything, cover-to-cover they said in their website htm. 1990-1994 is supposed to be out in time for Christmas-and they are taking pre-release orders by phone or email. The company is Radio Era Archives, and the info can be found at <http://www.flash.net/~tsm/qst.htm> The usual disclaimers apply: I have no connection to them, period.

--

Ed Tanton N4XY EMAIL: n4xy@avana.net TEL: (770)579-3933 Voice/MBX/FAX
189 Pioneer Trail, Marietta, GA 30068-3466

QRP-ARCI#7663 G-QRP#6779 OK-QRP#172 QRP-L#758 AdvRC#140 NORCAL#1779 NCDXF SEDXC
Life Member: ARRL AMSAT IDRA INDEXA QCWA URL: Coming Soon

"Think you can, think you can't: either way you're right!" Henry Ford

From owner-qrp-1@Lehigh.EDU Sun Oct 20 23:11:49 1996
From: RobCap@aol.com
Subject: [2398] Trade: Unbuilt HW-8 for Unbuilt HW-9 or HW-101
Message-ID: <961020212306_547461620@emout09.mail.aol.com>

Hi folks-

I've recently acquired an unbuilt HW-8, which is the second one in my collection. I'd like to trade it for another unbuilt Heath transceiver, such as the HW-9 or HW-101. I would also consider other unbuilt Heath transceivers, or other exceptional/rare QRP transceivers.

Please contact "Robcap@AOL.com"

73,

Rob, WA3ULH

From owner-qrp-l@Lehigh.EDU Sun Oct 20 23:11:49 1996
From: Mike Duke <gmduke@oscar.TECLink.Net>
Subject: [2361] TS-440 QRP MODS?
Message-ID: <Pine.GSO.3.95.961020001821.14223H-100000@oscar.teclink.net>

Does anyone have them? it's still my favorite Kenwood xcvr, although the rcvr in the TS830 will put it to shame.

Mike Duke, WB5ADC, Jackson, MS

From owner-qrp-l@Lehigh.EDU Sun Oct 20 23:11:49 1996
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
Subject: [2369] update of antenna book list
Message-ID: <Pine.SOL.3.94.961020074023.11487C-100000@utkux4.utcc.utk.edu>

I have added a couple of new books to the antenna book list in the archives. Use the GET command, the directory QRP-L/BOOKS, and the filename ANTENNA.LIST to obtain a copy via e-mail, or the ftp route--or download a copy from my Website:
<http://funnelweb.utcc.utk.edu/~cebik/abook.html>

-73-

LB, W4RNL

From owner-qrp-l@Lehigh.EDU Sun Oct 20 23:11:49 1996
From: PDouglas12@aol.com
Subject: [2385] White Mountain kit report
Message-ID: <961020161712_130150185@emout10.mail.aol.com>

Gang,
OK, ok, I know I said I wasn't going to do blow by blow, and I won't exactly. But I can see that what with Pacificon and all, I am probably out in front here, ahead of the early birds for once. This creates a certain responsibility to report early problems to assist the next wave to hit the beach. I hate doing this, though, because folks might think this is a flawed kit. These small errors don't last long, though, as folks like Dave Benson have a tendency to make them disappear quickly. I am emailing him detailed nit picks, poor man. In other words, do not make the mistake of assuming the

small small problems with the first mailing of a commercial kit of this quality will ever affect you, if you are thinking of ordering. This is not a one-run club kit that necessarily has to have a bug list. Ignore these nits if you are about to order and haven't already received your kit. They won't be there. But if your kit is home waiting for you to arrive home from Pacificon, well, then the following should be especially helpful.

I have finished two "pictorial groups" as they are called in the construction manual. There is one error that could cause some head scratching. The mike connector is mislabelled, so **ground and signal are reversed** on the PC board silk screen and in the pictorial that shows all the interconnections. Note that this is one of those projects that are tested as you build, in sections. This helps assure that there won't be any bedevilling troubleshooting at the end. Here each section is called a pictorial group. Testing the first section led to the discovery of the mike polarization error. Of course, that is precisely how the testing by sections is supposed to work. On the other hand it did give me a good few minutes of challenging thought!

So far, I am impressed with the quality of the board, the instructions (very professional with excellent illustrations on anything the least bit tricky), and the parts. Top grade stuff, nothing from bins. Soldering is not really tight, but I am starting to get used to having the magnifying lamp, so I used it on and off so far. No missing parts found, incidentally. Whatever system Dave is using to gather the kits together is working.

This is a higher class rig than the little superhets we all have been building up out of NE602s. Three TUF-1 mixers make for a serious radio, way more able than a '602 rig that requires all kinds of fancy dodges to make up for its inherent weaknesses.

Oh yeah, and my first two pictorial groups check out fine. Now back to the flux fumes.

72,

Preston WJ2V

From owner-qrp-1@Lehigh.EDU Sun Oct 20 23:11:49 1996
From: WD6BOR@aol.com
Subject: [2390] Re: A case for the SST
Message-ID: <961020172119_215083169@emout15.mail.aol.com>

Brad and all,

I had my daughter get all the different teas available at the local market

and now have a bunch of project enclosures. They are only 3" x 2.5" x 5/8" though, which makes them a little smaller than an Altoids tin. Beautiful boxes though.

Darrel, WD6BOR

From owner-qrp-l@Lehigh.EDU Sun Oct 20 23:11:49 1996
From: kb0rol@juno.com (Bradley L Mugleston)
Subject: [2393] Re: A case for the SST
Message-ID: <19961020.164441.7199.0.kb0rol@juno.com>

Whow, those are small. I guess the SST will need to be redesigned.

Brad Mugleston - KB0ROL
Colorado QRP Club # 170, QRP-L #316, ARRL
QTH - Aurora, CO - DM79oq
KB0ROL@JUNO.COM
BMUG@GWL.COM

On Sun, 20 Oct 1996 17:22:50 -0400 WD6BOR@aol.com writes:

>Brad and all,

>

>I had my daughter get all the different teas available at the local
>market and now have a bunch of project enclosures. They are only 3" x
2.5" x
>5/8" though, which makes them a little smaller than an Altoids tin.
>Beautiful boxes though.

>

>Darrel, WD6BOR

>

>

From owner-qrp-l@Lehigh.EDU Sun Oct 20 23:11:49 1996
From: DYARNES@aol.com
Subject: [2362] Re: Chuck's Big Surprise
Message-ID: <961020013424_1246699919@emout06.mail.aol.com>

FYI--

Chuck had two very nice plaques made, one for Jim Cates and the other for Doug Hendricks. They are very impressive. A special presentation was made to honor these two founders of NorCal. Everyone in NorCal (and many others who are not members) know how much we are indebted to these two gentlemen for

all their efforts. Also, our thanks to Chuck for putting this surprise presentation together.

By the way all, Pacificon is a blast! Those of you who couldn't make it have really missed a good one. There is a lot of talk, and I mean serious talk, that this just may have exceeded FDIM at Dayton in overall quality and enjoyment. I wasn't at Dayton, but I am sure having a great time here! When I check out I just may try and make reservations for next year.

Pretty good vendor representation here, but I wish we had some more of the QRP vendors. Wilderness is here, and they are attracting a lot of attention. Wayne and QRP Bob have the noise blanker (the "BuzzNot") here which fits in all the Wilderness rigs. \$19 and looks like a breeze to add it to your rig.

Gotta go see the 49er contest!

72 de David W7AQK

From owner-qrp-l@Lehigh.EDU Sun Oct 20 23:11:49 1996
From: WD6BOR@aol.com
Subject: [2389] Re: Female hams-Yes!
Message-ID: <961020172111_215083095@emout06.mail.aol.com>

To the group,

You'll all be pleased to know that a female ham, Debra (I didn't write down the call but it will soon be reported here), won the 40-9er building contest here at Pacificon. Her project well deserved to win first place in a very competitive field, narrowly squeezing out a couple of other excellent 40-9ers.

For those of you following this thread, my dog and I are the only males in this household, and he doesn't have a license (yet). I do have a wife and two daughters licensed, with one daughter a General. Female hams were also represented at Pacificon, with the most obvious being in the QRP Field Day forum Bob Tollison (please excuse the spelling Bob) pointing out that their club top scorer was a female member.

For those of you worrying about the female minority in amateur radio, consider how your wives' and daughters' interests coincide with the hobby and work from there. You will be surprised by the results.

Darrel, WD6BOR

From owner-qrp-1@Lehigh.EDU Sun Oct 20 23:11:49 1996
From: "W. Daniel, 9V1ZV" <daniel@pandora.lugs.org.sg>
Subject: [2403] Re: Filter performance ... results!
Message-ID: <326add78.pandora@pandora.lugs.org.sg>

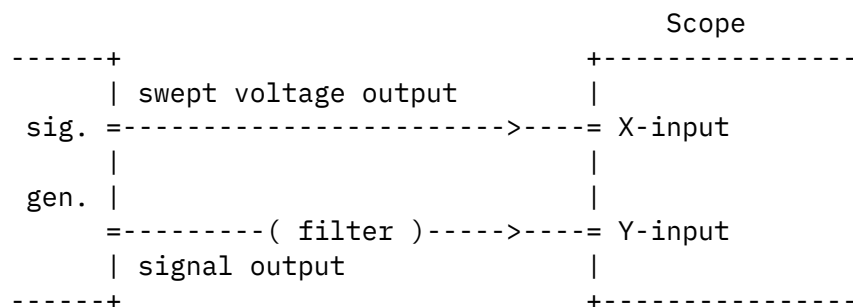
On Sun, 20 Oct 1996 21:48:48 EDT, "Stephen M Smith" <sigcom@juno.com> wrote:
> Daniel,
>
> Could you describe your test setup? I understand the sweep gen. and the
> 'scope, but what are you using for a detector? How did you isolate the
> filter from the generator and detector?
>
> 73.....Steve, WB6TNL

Hi Steve,

Okay, actually it is all very intuitive.

The basic setup was that I took the sweep output from the signal
generator, which consisted a ramp waveform with a kink in the centre for the
centre frequency marker, and fed this to the X-input. The scope was set up
for X-Y mode. When I do this, I see a horizontal line on the scope and I
adjust the X-amplifier to get the whole line on the screen.

Then I take the swept frequency output, which is varying in sympathy with
the swept voltage output, and is the normal sig. gen. output and feed it to
the INPUT of the filter. I also connect my regular probes to the Y-input of
the scope. With this probe I connect to the OUTPUT of the filter. So, now my
Y-input is looking at the signal generator output which is passing THROUGH
the filter. You will then see the shape of the filter for the frequencies
covered by the sweep generator.



Don't forget to terminate your filter correctly if your signal generator
output is not 50 ohms and/or your scope does not have a 50 ohm input. For
the scope side, you can also just solder a 51 ohm resistor across the output
of the filter and use the high impedance input with a X10 probe setting.

This is what I did although my scope did have a 50 ohm input setting. I did this because the probes have better bandwidth in X10 mode. Either method will work though. Also remember to use enough signal output from the generator and a suitable Y-amplification setting to get a good view of the response on the scope. Cables used to interconnect the various parts are also important. Make sure you use 50 ohm cables (RG-58 in my case but RG-174 will do also) and proper grounding. This will have some effect on the filter response as you will soon see.

In my sig. gen. I can select narrow, medium, or wide sweep. I can even select the sweep rate. Consequently I can view the filter response over quite a large range.

Another thing I just tried last night was to connect the signal output from the generator to the scope Y-input via a S0-239 T-split connector and to connect my antenna at the third port. I then saw my antenna response a-la AEA's antenna analyzer. I have not figured out how to interpret the output just yet but this looks like it has a lot of potential. So there you go.

73 de 9V1ZV Daniel

--

```
*-----+-----+
| Daniel Wee | daniel@pandora.lugs.org.sg      |
| 9V1ZV      | danwee@singnet.com.sg           |
| QRP-L #667 | daniel.wee@f516.n600.z6.fidonet.org |
+-----+-----+
```

From owner-qrp-l@Lehigh.EDU Sun Oct 20 23:11:49 1996
From: John Fletcher <johnf@innotts.co.uk>
Subject: [2367] Re:HB:Norcal 40 inductors
Message-ID: <199610201024.LAA15863@carlton.innotts.co.uk>

>Hello All!

>

>My "ugly" HB Norcal 40 is now working but the VFO isn't calibrated yet. I
>had a problem with receiver insensitivity which I have now cured. I had no
>15uH chokes so I used 5 turns on an FX1115 bead instead. The series-tuned
>filters in the receiver would not peak and the receiver was very "deaf". I
>replaced these with 55 turns on a * T37-2 and the receiver sprang into life,
>and the filters could be peaked.

* I meant 55 turns on a T50-2.

72 de John

From owner-qrp-1@Lehigh.EDU Sun Oct 20 23:11:49 1996
From: Gary Surrency <gsurrenc@ix.netcom.com>
Subject: [2377] Re: Holy Moley!! This stuff works!!
Message-ID: <326A58F0.7CCC@ix.netcom.com>

Jeffrey M. Poulin wrote:

 \succ

```
> People of the List:
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```
> ---BIG SNIP HERE---
```

```
> (Sorry if this message is a little disjointed. I'm still excited after the
> latest OS0.) - - - - -
```

Sounds very much like "Bill and Ted's Big Adventure", the movie.
Most Excellent, Dude!

Or perhaps "Wayne's World", in which was heard:

"We're not Worthy! We're not Worthy! (Lots of gratuitous bowing here.) :-)

Nothing quite equals the experience of a first QSO on CW. Hope you got him to QSL. I still have the "First QSO" cards I received from several new hams that I patiently worked. Now find a local ham with whom you both can ragchew. This will be an immense help in building speed and confidence on CW. I used to have a regular schedule after high school with several young hams on 40m, one of whom was John, WN40AA in Orlando. We had QSOs of 2 hours plus. If this is done with QRP, you will truly be a "worthy" subject. We later took the exams at the Tampa FCC office for the Advanced class together. I'll never forget it.

Welcome to the HF world! There are no limits here.

72,73

— —

Gary, AB7MY QRP-L #571 Chandler, AZ (near Phoenix)Grid Square DM43BH

From owner-qrp-1@Lehigh.EDU Sun Oct 20 23:11:49 1996
From: WD6BOR@aol.com
Subject: [2387] Re: I Passed!! (and need advice on how to get started in QRP)
Message-ID: <961020172114_215083118@emout11.mail.aol.com>

Jake,

Congradulations! Your best first experience might be to get some "Elmering" from a local ham. Before you take the plunge and decide on a specific rig, operate at another ham's shack (hopefully a QRP'er) for a couple of evenings and learn how it's done. You might even be able to borrow a rig for a month to gain some experience, but by all means plan on building your own someday soon. There are any number of excellent rigs available in kit form for anywhere from \$72 to under \$150. They come with good manuals and with the help of someone in your local club you should get up and on the air with little trouble.

Post your location on this list and ask for a hand starting here. We'll have you up and going in no time at all.

Darrel, WD6BOR

PS. I'm going to CC this to the list so folks know what I've suggested.

From owner-qrp-1@Lehigh.EDU Sun Oct 20 23:11:49 1996
From: Ed Tanton N4XY <n4xy@avana.net>
Subject: [2395] Re: Painting Aluminum - HOW TO DO IT (long)
Message-ID: <326ABD03.4AD4@avana.net>

Hi Greg... in two different jobs I held over the years I was involved one way or the other in the painting of aluminum. There are several things you must do if you want paint to stick to aluminum, and when done properly, you can expect it to do as well as any other paint job.

0. Drill all holes, and finish all surface machining first.

1. SURFACE PREPARATION. First, lightly (or as needed) degloss the surface-if possible-using a very fine 100-400 grit sandpaper. A matte finish will aide the paint to adhere. Next, clean the metal surface thoroughly using soap and water followed by a good degreaser. The best was MEK (methyl ethyl ketone) but unless you already have some, you probably will not be able to get any. Next choice would be acetone. You may or may not have or be able to get this highly flammable solvent-but it works very well against 'grease and oils.' You will have to do the best you can here. Last resort is alcohol. Remove all traces of grease, oils, or corrosion/etc. Be careful handling your clean panel-use paper or clean gloves to keep your body oils from contaminating the panel.

2. PRIMER. Use a quality grade of ZINC CHROMATE PRIMER for aluminum-it will probably be yellow in color. Absolutely do not put it on too thickly. Paint with the panel positioned horizontally but apply paint sparingly enough that if it was vertical, it could not run. Allow at least 24 hours between coats. Use at least two coats. You should LIGHTLY sand between coats-but remember

that any projections (such as a rivet head) could be scoured of paint and use great care that they are not.

3. PAINTING. Again use a good grade of paint. What kind depends on your individual application. Personally I use hobby paints from a Model Tool company and have my own small airbrush sprayer and compressor. If I was going to use a spray can it would be Rustoleum brand. I have had very good luck over the years with their paints-including their zinc chromate. You may choose to sand between coats here as well-it will depend on just how good a finish you want, and how many coats you choose to apply-based on application again.

4. PROTECTIVE COAT. I would suggest a coat or two of clear, semi-gloss, or matte-depending on application and taste. If you are going to drill or letter your panel, you should have done the drilling first-before any of this. Lettering should be applied after all painting is finished, but before the clear coats. Remember, it is very important that the paint be allowed to thoroughly 'dry' between coats. This goes double for applying rub-on transfers-else you'll lift paint when you apply the pressure. You should test your lettering with your clear paint on a scrap to be certain the paint won't solvate the lettering base and cause it to run/move. (In truth, it probably COULD-hence the horizontal painting position of the panel. The thinner your clear coat layers, the less likely they will float out of position.)

5. SAFETY CONSIDERATIONS. You would be amazed how much paint you sniff up your nose when painting very much. Always wear some kind of protection. An inexpensive allergy mask works pretty well for the money. You must always paint only in a well ventilated area. Avoid dusty or drafty areas for obvious finish reasons. Be VERY CAREFUL ABOUT FLAMES. there should be no open flames anywhere in the room. Be very careful about solvents: they are often highly flammable and usually known carcinogens. Be careful about disposal: NEVER dispose of solvents in an ordinary kitchen drain or just pour it into the soil around your house-it'll end up in your water table.

I hope this is helpful. You do not need to bake or otherwise speed up the process. (It IS a fine way to do a beautiful wrinkle finish however-but that's a different story.) Take your time, and you can do some really fine work you'll be proud of. 72/73

--

Ed Tanton N4XY EMAIL: n4xy@avana.net TEL: (770)579-3933 Voice/MBX/FAX
189 Pioneer Trail, Marietta, GA 30068-3466

QRP-ARCI#7663 G-QRP#6779 OK-QRP#172 QRP-L#758 AdvRC#140 NORCAL#1779 NCDXF SEDXC
Life Member: ARRL AMSAT IDRA INDEXA QCWA URL: Coming Soon

"Think you can, think you can't: either way you're right!" Henry Ford

From owner-qrp-l@Lehigh.EDU Sun Oct 20 23:11:49 1996
From: Steve Miller <kg7pv@teleport.com>
Subject: [2380] RE: Painting Aluminum - How?
Message-ID: <1.5.4.32.19961020174504.006799b0@mail.teleport.com>

>I've painted aluminum enclosures in the past but the paint doesn't stick
>well. I've also heard that baking the enclosure helps harden the paint.
>So does anyone want to share there secrets? How do you prep the aluminum
>before you prime it? What primer? What is a good paint? Appliance epoxy
>works well on my Washer and Dryer. Seems like it would be hard enough
>for a project.

>

>Thanks for all of your help.

>Greg

>

>--

> Greg Newberry - WB7DUO QRP-L #760

I paint it the same way I have painted aluminum boats. Clean! Use a degreaser and then some aluminum prep/etch like Alumaprep. Prime with aluminum primer - it is sorta clear - no pigment. Then paint with the enamel of your choice. I use Hammerite since it gives a textured finish that looks like the old vinyl covers on rigs like TenTec used to use. The aluminum boat folks say any good oil based alkyd enamel will work with the proper prep. 73 all.

Steve Miller (CN-85) Norcal #308 QRP-L #109 ARCI # 9230
Norcal 40A es Oak Hills Spirit II es dipole

From owner-qrp-l@Lehigh.EDU Sun Oct 20 23:11:49 1996
From: Dan Hogan <dhhogan@lightside.com>
Subject: [2384] Re: Painting Aluminum - How?
Message-ID: <199610202011.NAA01885@covina.lightside.com>

For aluminum make sure the surface is clean and grease free, then apply a coat of zink chromate primer. I usually rough the case lightly with a green scrub pad. Home Depot had thr primer in spray cans the last time I bought some.
73

Dan Hogan WA6PBY QRP-L #558, CQC #340, NorCal #1806, ARRL
dhhogan@lightside.com Lat. 34d 03.5'N Lon. 117d 56.0'W
Grid: OM84wc

From owner-qrp-1@Lehigh.EDU Sun Oct 20 23:11:49 1996
From: bob.roach@sourcebbs.com (BOB ROACH)
Subject: [2386] Re: Painting Aluminum - How?
Message-ID: <8CAA3BD.0001047DD5.uuout@sourcebbs.com>

GN>-I've painted aluminum enclosures in the past but the paint doesn't stick
>-well. I've also heard that baking the enclosure helps harden the paint.
>-So does anyone want to share there secrets? How do you prep the aluminum
>-before you prime it? What primer? What is a good paint? Appliance epoxy
>-works well on my Washer and Dryer. Seems like it would be hard enough
>-for a project.

Hi Greg,

If you can find some info on anodizing aluminum this may provid an alternative. If you don't want to anodize you may still want to conseder the first step which enlarges the pores in the metal and may improve the adhesion of the paint. Be careful, the process utilizes acid and may not be practical of safe, especially if you have kids.

73 Bob
KE4QOK

* SLMR 2.1a * We've replaced the Dilitium with new Folger's Crystals

From owner-qrp-1@Lehigh.EDU Sun Oct 20 23:11:49 1996
From: rright@primenet.com (Roger Hightower)
Subject: [2359] Re: QRP Antenna Tuner
Message-ID: <199610200411.VAA02659@primenet.com>

At 06:28 PM 10/19/96 CDT, Stephen H. Ponder wrote:

(snip)

>If I cannot use the TUN-3 for xmit, then what suggestions
>do any of you have for operating on 80 and 40 metres?
>I live in a "deed-restricted" community, so that almost
>eliminates any outside antennas that would be visible
>from the sidewalk in front of the house. I've talked
>to my XYL about an attic antenna, but the "thought" of
>unsightly coax cable puncturing a hole in the ceiling
>of the office/"shack" makes her go semi-ballistic.
>

>Any help?

What you do, Steve, is get up in the attic and drill a hole in the header for the wall nearest your operating position. Then you get a hole saw and cut a nice round hole abt 2" big in the wall behind the operating position and fish the coax down. SAVE the piece of drywall that you removed so you can replace it when you need to.

If you work it right, the coax comes out behind the station desk and she'll not know it's there.

Be sure and do it while she's shopping, :-)

Been there, done that, as Chuck would say.

72/73 de Roger AA7QY

NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From owner-qrp-l@Lehigh.EDU Sun Oct 20 23:11:49 1996
From: tedkell@juno.com (Ted Kell)
Subject: [2391] Re: REDUCED DIGEST SIZE?
Message-ID: <19961020.175301.5126.0.tedkell@juno.com>

Would it be possible to cut off the digest at some preset size (50k?)
send it on and then start another?
That would help the Juno folks and reduce the traffic on the net.

Ted

On Sun, 20 Oct 1996 10:08:03 EDT n9zz@juno.com (Robert A. Schill) writes:

>Hi everybody,

>

>I am being bombarded with mail from the QRP-L which is great, but sure
>would like it to be a bit more orderly. I tried the DIGEST and
>found that with JUNO much of it is lost because of the size of the
>files. Someone else asked the same question but I haven't seen any
>responses yet.

>

>So I am asking the same question, can the QRP-L DIGEST be reduced to
>accommodate those of us using JUNO? If so how can it be done?

>

>I contacted JUNO and they say nothing can be done about it. I am told
>the maximum size file that can be handled by JUNO is 60K.

>

>Sure could use some help.

>

>72/73

>

>Bob Schill N9ZZ

>Mountain Home, Arkansas

>ARCI QRP # 4744, MI QRP #266, AR QRP #1, QRP-L #705, ARS #189

>E-Mail address : N9ZZ@juno.com

>Packet address: N9ZZ @ N0KFQ.#SWMO.MO.USA

From owner-qrp-1@Lehigh.EDU Sun Oct 20 23:11:49 1996

From: Cecil A Moore <Cecil_A_Moore@ccm.ch.intel.com>

Subject: [2363] Re: SLV

>Not at all bad for less than an hour on the air and if I had been
>serious, the rates could have held up. Jess NOTFI

Hi Jess, has anybody tried shorting out the coil on 20m? Since a quarter-wavelength is 16.5ft on 20m, the coil is a liability on 20m and above. IMO the coil should be bare solid #18 wire wound for resonance on 40m with a tap for 30m. No coil is needed for 20m-10m. Above the self-resonant frequency, a coil becomes more and more lossy. Since the antenna becomes inductive (too long) rather than capacitive (too short) on 20m and above, the coil just causes unnecessary losses (which does tend to lower the SWR). A wealth of knowledge concerning mobile antennas is applicable to this antenna which seems to be like a base-loaded 20ft whip with radials instead of a vehicle body.

73, Cecil, W6RCA, 00TC (not speaking for my employer)

From owner-qrp-1@Lehigh.EDU Sun Oct 20 23:11:49 1996

From: adams@chuck.dallas.sgi.com (chuck adams)

Subject: [2406] Re: Source for ALL of QST on CD!

Message-ID: <199610210359.DAA27808@chuck.dallas.sgi.com>

Ed et.al.,

I saw the group at HamCom back in June here in Dallas. They scanned the magazine in, thus you get the ads and everything.

Their algorithms to enhance the images, magnify them and search are rather remarkable.

Their philosophy on doing them in reverse order chronologically is due to demand, i.e. they felt like most hams would want and need information from the most recent years. The older issues would be mainly for historical information.

FYI es thanks Ed,

: Chuck Adams (K5FO CP-60) WAS 40m/30m/20m=49/49/50

: EMPS QS0s=2 STATES(w/c)=2/0 DX=0

: MO TN